SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: Mar. 20.

Narrows Siphon No. 2 Contract 198

New York, N. Y.

Sealed bids will be received by the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers Streets, New York City, until 11 a.m., Eastern Standard time, on Tuesday, March 20, 1923, for Contract 198, for the construction of Narrows Siphon No. 2, a 42-inch, flexible-jointed, cast-iron submarine pipe-line about 8,800 feet long, with shore connections of 42-inch and 48-inch bell-and-spigot cast-iron pipes about 560 feet in length. This siphon is a portion of the Catskill aqueduct and will extend across the Narrows of New York harbor from 86th Street and Shore Road, Bay Ridge, Brooklyn, to Vanderbilt Avenue and Bay Street, Clifton, Staten Island.

The work consists principally of furnishing approximately 4,650 tons of submarine pipes, dredging a trench in which the pipe-line will be laid across the Narrows, including the shore ends, and refilling over the pipe-line. The land work is to include furnishing and laying about 330 tons of cast-iron pipe and special castings of various sizes, furnishing and setting two large meters, building chambers and manholes and doing other incidental work.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, forms of bid and contract, specifications, contract drawings, etc., can be obtained at the office of the Secretary at the above address, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Chief Engineer at the above address.

GEORGE J. GILLESPIE,
President.
JAMES P. SINNOTT,
PHILIP F. DONOHUE,
Commissioners, Board of Water Supply.
BENJ. F. EINBIGLER, Secretary.

Bids: March 5.

Annual Supplies

Hamilton, Ont.

Sealed tenders will be received by the undersigned addressed to Thos. W. Jutten, Esq., Mayor, Chairman Board of Control, City Hall, Hamilton, Ont., up to 12 o'clock noon, Monday, March 5th, 1923, for supplying the Corporation of the City of Hamilton with the following:

Broken Stone and Screenings, Asphalt Cement, Limestone Dust, Asphalt Sand, Sand and Gravel, Creosoted Wooden Blocks, Sewer Pipe, Iron Castings (ordinary), Cast Iron Pipe and Special Castings, Valves, Extension Boxes, Fuel Oil, Road Oil, Concrete and Garbage Duck Covers, Waterproof Clothing, Bass Brooms, Sectional Sweepers, Brass Work, including ordinary and special brass and bronze castings for water department, special Iron Hydrant Castings and Bronze and Manganese Castings for same.

Tenders to be on forms supplied and plainly marked on the outside—"Tender for Asphalt Sand" or as the case may be.

Specifications and forms of tender for the above can be obtained at the office of the Purchasing Agent, City Hall, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

S. H. KENT,
City Clerk.

Hamilton, February 15th, 1923.

OFFICIAL PROPOSALS

Bids: March 20.

Steel and Concrete Bridge Work

SOUTH END BRIDGE

Manchester, N. H.

Sealed bids for the construction of the South End Bridge over the Merrimac River and the Boston and Maine Railroad in the City of Manchester, N. H., including the approaches, will be received by the Surveyor of the Department of Highways of said City at his office in City Hall until 2 o'clock p.m. on Tuesday, March 20, 1923, at which time and place the bids will be publicly opened and read aloud.

The work will extend from Second Street on the west to the junction of Byron and McElwain Streets on the east, a distance of about 2,100 feet, and consists of the following:

An approach about 400 feet long on the west.

A viaduct on the west about 350 feet long with seven reinforced concrete spans.

A river bridge over the Merrimac River about 460 feet long with three steel deck truss spans carrying a reinforced concrete deck.

A viaduct on the east about 370 feet long with six reinforced concrete spans and one steel span encased in concrete.

An approach about 500 feet long on the east.

The roadway pavement will be of bituminous macadam.

Each bid must be accompanied by a properly certified check for Fifty Thousand (50,000) Dollars. A bond in the sum of Five Hundred Thousand (500,000) Dollars of an approved surety company will be required for the faithful performance of the contract.

A more complete description of the work to be done is given in Notice to Bidders, Forms of Bid, Contract, Bond, the Specifications and the Contract Drawings accompanying the same.

Copies of the foregoing may be inspected at the office of the Commissioners, Department of Highways, Manchester, N. H., and may be obtained from the engineers, Fay, Spofford & Thorndike, 200 Devonshire Street, Boston, Mass., by payment of a twenty-five (25) dollar deposit.

Receipt of bids will be subject to the conditions stated in said Notice to Bidders.

The right is reserved to reject any or all bids.

E. R. CONANT,
Surveyor of the Department of Highways.
JOHN H. GLEASON,
JOSEPH QUIRIN,
L. J. FARRELL,
Commissioners, Department of Highways for the City of Manchester, N. H.
Fay, Spofford & Thorndike, Engineers,
200 Devonshire Street,
Boston, Massachusetts.
February 19, 1923.

Bids: March 19.

Sewer

Plainfield, N. J.

Proposals will be received by the Common Council of the City of Plainfield, N. J., on Monday, March 19, 1923, at 8:30 p.m., for constructing about 1,000 lin.ft. of 20-inch sanitary sewer from 8 to 14 feet deep.

For plans, specifications and further information apply to City Engineer, City Hall, Plainfield, N. J.

ALEXANDER W. VARS,
City Engineer.

OFFICIAL PROPOSALS

Bids: March 9.

Sewerage System Extensions

Milwaukee, Wis.

Sealed proposals for the construction of extensions to the intercepting sewer system of the City of Milwaukee, Wisconsin, will be received by the Sewerage Commission of the said City at its offices, 508 Market Street, Milwaukee, Wisconsin, until 1:30 p.m., the 9th day of March, 1923, at which time and place during the session of the said Commission, the proposals will be publicly opened and read.

The work to be done embraces the building of the following work:

8,475 Lineal feet 84" concrete sewer.
400 Lineal feet 72" concrete sewer.
687 Lineal feet 54" concrete sewer.
653 Lineal feet 18" concrete sewer.

Together with all manholes and other appurtenances.

The time allowed for the completion of this contract shall be twelve (12) months from the date of the Engineer's notice to begin work.

The liquidated damages for not completing the work within the time above stated, shall, for each day in excess thereof, be Twenty-five ($25.00) Dollars.

Each proposal submitted must be accompanied by a cash deposit of, or, in lieu thereof, by a certified check drawn upon a National or State Bank or Trust Company, and to the order of the "Sewerage Commission of the City of Milwaukee" to the amount of Five Thousand ($5,000.00) Dollars.

All cash deposits or certified checks deposited by bidders to whom the contract is not awarded will be returned upon application to the Secretary of the Sewerage Commission after the contract has been awarded, or after the rejection of all bids. The cash deposit or certified check which has been deposited by the successful bidder will be returned to him as soon as the contract is properly executed and approved by the City Attorney and by the Sewerage Commission.

Specifications and blank forms of proposals can be obtained and detailed plans examined at the office of the Sewerage Commission, 508 Market Street, and a full set of plans will be sent to any contractor upon receipt of five dollars ($5.00). This sum shall be returned upon surrender of the plans in good condition within thirty (30) days after award of the contract.

The Sewerage Commission of the City of Milwaukee reserves the right to reject any and all bids submitted.

Published by authority of the Sewerage Commission of the City of Milwaukee.

JOHN H. FOWLES,
Secretary.

Countersigned:
LOUIS M. KOTECKI,
Comptroller.

Bids: Mar. 14.

Tank Trailers

Hackensack, N. J.

Sealed proposals will be received by the Road Committee of the Board of Chosen Freeholders of the County of Bergen at the office of the Clerk of the Board in the Court House, Hackensack, N. J., on March 14th, 1923, at 2 p.m., for the furnishing of two (2) one thousand (1,000) gallons capacity tank trailers for transporting asphaltum.

For specifications and other detailed information, communicate with the Supervisor of Roads, Court House, Hackensack, N. J.

JOHN A. W. DONALDSON,
Chairman of Road Committee.

OFFICIAL PROPOSALS

Bids: Mar. 27.

Barge Canal Terminal

Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Tuesday, March 27th, 1923, at which place and hour they will be publicly opened and read, for the construction of Barge Canal terminals pursuant to the provisions of Chapter 746 of the Laws of 1911, and amendatory laws, as follows:

TERMINAL CONTRACT NO. 237.

For constructing a terminal freighthouse at Oswego. Contract plans, sheets 1 to 9, inclusive.

Plans may be seen and detailed specifications, engineer's estimates of quantities, proposal blanks, form of contract and bonds required and other information for proposers may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y.; at the office of the Assistant Superintendent of Public Works for the Western Division, at Rochester, N. Y.; at the offices of the Superintendent of Public Works, Erie Basin Terminal, Buffalo, N. Y., and Terminal Warehouse, Pier 6, East River, New York City.

Blueprint copies of plans will be furnished by the State Engineer and Surveyor upon the receipt at his office in the Telephone Building, Albany, N. Y., of payment at the rate of fifteen cents (15c.) per sheet. Refund will not be made for any blueprints which may be returned.

Monthly estimates will be paid of ninety per centum (90 per cent.) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank or trust company in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of the contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent) of the estimated cost of the work, according to the contract price, and an additional bond known as the labor bond, in the sum of ten per centum (10 per cent) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y.; and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH.
Superintendent of Public Works.
February 21st, 1923.

OFFICIAL PROPOSALS

Bids: March 15.

Engine, Generator and Switchboard

Oxford, Miss.

Sealed proposals will be received by the Board of Mayor and Aldermen of the City of Oxford, Mississippi, until noon, Central Standard Time, Thursday, March 15th, for engine, generator and switchboard equipment for the Municipal Water and Light Plant. Proposals will be considered for either oil engine or steam engine equipment. The right to reject any or all bids is retained.

For further information and specifications apply to R. J. FARLEY, Mayor, or T. M. EARLY, Superintendent Water and Light Plant.

A Bonding Company's Suggestion to Official Proposal Advertisers

"A large part of our contract bond business is submitted to us by wire, and I am a constant reader of the Official Proposals in order to find out the size and nature of the work that is referred to in the bond application. Very frequently I am unable to get any clear idea of what the advertisers are asking bids on, and of course the prospective bidder or contractor is also at a loss to know what kind of a job is being advertised.

"Traveling expenses are heavy at the present time, and contractors pay out considerable sums during the course of a year in investigating prospective contracts. This of course is a large charge that the owners eventually pay, and anything that will reduce the general overhead of contract work will eventually be to the advantage of the owner.

"One way to reduce this overhead is to word the advertisement so that the contractor sitting in his office will know whether or not he should investigate and prepare a bid on the proposed work."

Bids: Mar. 12.

High and Low Pressure Steam and Water Piping in Pumping Station

Bay City, Mich.

Sealed proposals for high and low pressure steam and water piping, including boiler feed pumps, feed water heater and all accessories in Pumping Station, will be received at the office of the City Manager, City Hall, Bay City, Michigan, until ten o'clock A. M., Eastern Standard Time, on March 12th, 1923.

All bids must be made on blank proposal forms, and be accompanied by a proposal bond or certified check for $4,000.00.

Plans, proposal forms, contract and specifications may be obtained at the office of the City Manager, City Hall, Bay City, Michigan, and also from The Frazier-Ellms-Sheal Company, Engineers, B. F. Keith Building, Cleveland, Ohio, upon deposit of twenty dollars, to be refunded upon return of plans and specifications in good condition.

The City reserves the right to accept any bid or to reject any and all bids.

WM. H. REID,
City Manager.

OFFICIAL PROPOSALS

Bids: Mar. 6.

Road Oiling

Baltimore, Md.

Sealed proposals for oiling 5 sections of State Highway, as follows, requiring approximately 576,127 gallons of oil:

Counties	Miles	Gallons
District No. 1 and 2.		
Cecil, Queen Anne, Somerset, Talbot, Wicomico, Worcester	24.76	38,381
District No. 3.		
Montgomery and Prince George	35.10	66,145
District No. 5.		
Carroll, Frederick, Howard, Montgomery	110.01	213,976
District No. 6.		
Garrett, Allegany, Frederick, Washington	60.45	120,912
District No. 4 and 7.		
Anne Arundel, Baltimore, Harford	57.35	136,713
	288.67	576,127

will be received by the State Roads Commission, at its offices, 601 Garrett building, Baltimore, Maryland, until 12 M., on the 6th day of March, 1923, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred ($500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 21st day of February, 1923.

JOHN N. MACKALL,
Chairman.

L. H. STEUART,
Secretary.

Bids: Mar. 12.

Low Service Pumps

Bay City, Mich.

Sealed proposals for two 10 M.G.D. Steam Turbo-centrifugal pumps with condenser and auxiliaries and one 5 M.G.D. motor driven Centrifugal pump, all complete with connecting piping, will be received at the office of the City Manager, City Hall, Bay City, Michigan, until ten o'clock A.M., Eastern Standard Time, on March 12th, 1923.

All bids must be made upon blank proposal forms, and be accompanied by a proposal bond or certified check for $2,500.00.

Plans, proposal forms, contract and specifications may be obtained at the office of the City Manager, City Hall, Bay City, Michigan, and also from The Frazier-Ellms-Sheal Company, Engineers, B. F. Keith Building, Cleveland, Ohio, upon deposit of ten dollars, to be refunded upon return of plans and specifications in good condition.

The City reserves the right to accept any bid or to reject any and all bids.

WM. H. REID,
City Manager.

Bids: Mar. 12.

Plumbing for Pumping Station and Filtration Plant

Bay City, Mich.

Sealed proposals for furnishing and installing Plumbing for Pumping Station and Filtration Plant will be received at the office of the City Manager, City Hall, Bay City, Michigan, until ten o'clock A.M., Eastern Standard Time, on March 12, 1923.

All bids must be made upon blank proposal forms furnished by the City, and each bid must be accompanied by a proposal bond or certified check for $2,000.00.

Plans, proposal forms, contract and specifications may be obtained at the office of the City Manager, City Hall, Bay City, Michigan, and also from The Frazier-Ellms-Sheal Company, Engineers, B. F. Keith Building, Cleveland, Ohio, upon deposit of twenty-five dollars, which deposit will be refunded upon return of plans and specifications in good condition.

The City reserves the right to accept any bid or to reject any and all bids.

WM. H. REID,
City Manager.

OFFICIAL PROPOSALS

Bids: Mar. 21.

Water Works Improvements

Roxboro, N. C.

Sealed proposals will be received by the Mayor and Board of Commissioners of the Town of Roxboro, North Carolina, until 2 o'clock p.m., Wednesday, March 21st, 1923, for developing a new source of water supply. The principal items entering into the work are as follows:

Laying 20,000 feet of 12-inch cast iron B & S water pipe.

Building concrete and brick filter plant; concrete and brick pumping station; concrete reservoir; and earth dam with masonry spillway.

Furnishing and erecting filter equipment.

Furnishing and installing one 500 GPM centrifugal pump with electric motor and one 500 GPM centrifugal pump with gas engine drive.

Clearing impounding reservoir site—60 acres.

Plans will be on file and may be seen at the office of The Ludlow Engineers at Winston-Salem, N. C., or at the office of the Mayor at Roxboro, N. C., after March 1st. After that date copies of the Specifications, Bid Blank, and Contract Form may be obtained from the Engineers.

For the convenience of prospective bidders the Engineers will furnish full set of blue print copies of the plans upon application accompanied by a check for $7.50 to cover the cost, or separate prints at $1.00 each.

Each bid must be accompanied by a certified check payable to the Treasurer of the Town of Roxboro, in the sum of $4,000 with complete bids, or approximately 5% of the amount of partial bids.

Proposals will be opened publicly with the usual rights reserved.

DR. W. A. BRADSHER.
R. G. COLE,
R. L. HARRIS,
Water Works Committee.

THE LUDLOW ENGINEERS,
Winston-Salem, N. C.
J. L. LUDLOW,
Consulting Engineer.

Bids: Mar. 10.

Covered Drains

Monte Vista, Colo.

The Bowen Drainage District will receive up to 2 p.m. of March 10th bids for construction of about eighteen miles of covered drains. $5.00 deposit for plans and specifications.

O. A. CRAMER, Secretary.
Monte Vista, Colorado.

Bids: Mar. 13.

Street Paving

South Bend, Ind.

Notice is hereby given that sealed proposals will be received by the Department of Public Works of the City of South Bend, Ind., up to 10:00 o'clock a.m., of the 13th day of March, 1923, for the execution of the following work:

Pavement on the following streets.

Leer Street	4,505.0 sq.yds.
Fassnacht Ave.	6,949.0 " "
Harper Ct.	674.0 " "
Marine St.	2,217.0 " "
Golden Avenue	1,793.0 " "
Harrison Avenue	6,615.0 " "
Poland St.	1,542.0 " "
Carroll St.	970.0 " "

Complete drawings and specifications of said work are now on file in the office of the Department of Public Works in the City Hall, of South Bend, Indiana. The Board reserves the right to reject any or all bids.

BOARD OF PUBLIC WORKS.
L. B. SLAUGHTER.
L. P. HARDY.
ALBERT F. HONER.
VERONICA C. SWEENEY,
Clerk of Board.

Compensation Insurance

Some contractors "give" this insurance to a friend, either personal or political. How many, we wonder, "engage" the services of a specialist to advise them right in the intricate problems that arise in this business.

Alfred S. Hamilton
110 William St., New York

OFFICIAL PROPOSALS

Bids: Mar. 14.

State Highway Work

Richmond, Va.

Sealed bids will be received at the offices of the State Highway Dept., 413 N. 10th St., Richmond, Va. until 10:30 a.m., Wednesday March 14th 1923 for the construction of:

1. Project S-155 RT. 2 Cunningham Creek-Coopers Store (not including Bridge over Raccoon Creek) 1.5 mi. of soil road in Fluvanna Co., approx. 0.3 Ac of Clear and Grub. 16,750 cu.yds. Excav., 35 cu.yds. "A" concrete, 4 cu.yds. "B" concrete, 132 lin.ft. V. C. pipe, 3,003 rein. steel, 1,050 lin.ft. Wood Gd Rail. Certified check for $750.

2. (a) Project S-209 RT. 19 Colombia-Fife 6.5 mi. soil in Fluvanna and Goochland Cos. approx. 10.4 Ac Clear and Grub. 58,534 cu.yds. excav. 776 lin.ft. V. C. pipe 584 lin.ft. C. I. pipe 89 cu.yds. "B" concrete 131 cu.yds. "A" concrete 6,948 lbs. reinforced steel 4,196 lin.ft. Wood Gd. Rail. Certified check $4,000.

2. (b) Project S-209 RT. 19 Bridge over Bird Creek 153 ft. long approx. 58,000 lbs. structural steel 137 cu.yds. "A" concrete 191 cu.yds. "B" concrete, 19,822 lbs. reinforced steel. Certified check $500.

3. Project E-160 B & C RT. 5 Franklin-Suffolk 9.7 mi. 18 ft. 8-6-8 inch. concrete road in Isle of Wight and Nansemond Cos. approx. 10 Ac Clear and Grub. 29,144 cu.yds. excav. 118,977 cu.yds. borrow., 328 lin.ft. V. C. or C. I. pipe 414 lin.ft. C. I. pipe, 222 cu.yds. "A" concrete 138 cu.yds. "B" concrete, 13,768 lbs. reinforced steel, 5,300 lin.ft. Wood Gd Rail. Certified check $5,000.

3. (b) Bridge over Kingsale Swamp, 38 ft. long approx. 49 cu.yds. "A" concrete 77 cu.yds. "B" concrete 9,285 lbs. reinforced steel. Certified check $500.

4. Project S-265 RT. 11-X Grundy-Hanger 5.5 mi 16 ft.-8 in. Bit Mac in Buchanan Co. approx. 6 ac Clear and Grub. 68,975 cu.yds. excav. 2,000 cu.yds. borrow. Certified check $4,500.

5. Project S-287 RT 11-Z Donkey-Dickenson Co. Line (not including Bridge over Pound River, 4.8 mi. 16 ft.-8 in. Bit Mac road in Wise Co. approx. 15 Ac Clear and Grub. 1,572 lin.ft. V. C. pipe 708 lin.ft. C. I. pipe 63 cu.yds. "A" concrete, 122,013 cu.yds. excav. 6,587 lbs. reinforced steel, 4,990 cu.yds. rubble masonry, 12,090 lin.ft. Gd. Rail. Certified check $5,000.

6. (a) Project S-2 14 RT. 2 Coopers Store-Fork Union 6.6 mi. soilroad in Fluvanna Co. approx. 6 Ac Clear and Grub. 38,105 cu.yds. excav. 1,280 cu.yds. borrow, 808 lin.ft. V. C. pipe 208 lin.ft. C. I. pipe 39 cu.yds. "B" concrete, 630 lin.ft. Gd. Rail. Certified check $5,000.

6. (b) Project S-214 Bridge RT. 2-Bridges over Carys Branch Station. 170 Three 30 ft. beams spans approx. 152 cu. yds. "A" concrete 28,680 lbs. reinforced steel. Certified check $500.

7. Project F-157 RT. 9 Toano-Diascund Creek 4.3 mi. 18 ft.-8-6-8 inch. concrete road in James City Co. approx. 17 Ac Clear and Grub. 61,146 cu.yds. excav. 3,745 cu.yds. borrow 480 lin.ft. V. C. pipe 234 lin.ft. C. I. pipe 497 cu.yds. "A" concrete 23 cu.yds. "B" concrete, 34,967 lbs. reinforced steel. Certified check $5,000.

8. Project F-271 RT. 11 Claypoole Hill-Rosedale 5.08 mi. of surface treated mac, in Tazewell and Russel Cos. (not including Special Design Bridges). Certified check $5,000.

9. Project F-178 Bridge RT. 1 Bridge over Grassy Creek lgt. 122 ft. in Mecklenburg Co., 84,000 lbs. Structural Steel, 2,410 lbs. reinforced steel, 51.7 cu.yds. "A" concrete, 12,420 ft. BM lumber 24.4 lin.ft. Gd fence 40 cu.yds. rip-rap. Certified check $900.

Bid bond 20% in excess of check required.

Plans and specifications are on file at the office of the State Highway Dept. Richmond and District Offices as follows: S-155 and S-214 Culpeper S-209 and F-178 Richmond F-160 B & C and F-157 Suffolk S-265, S-287 and S-271, Bristol.

Plans for bidders can be obtained upon receipt of $5 payable to H. G. Shirley. $2.50 will be refunded if the plans are returned in good condition within 2 weeks after bids are opened. Bridge plans on Special Design Bridges from W. F. Hobart, 805½ E. Franklin St., Richmond, at 54c. each.

Engineers will show prospective bidders over projects as follows: F-178 Clarksville Hotel Clarksville 10:30 a.m., Friday Feb. 23, P-S-155 and S-214 Palmyra 10:30 a.m., Tuesday March 6th, P-S-209 Fife

OFFICIAL PROPOSALS

9:30 a.m., Wednesday March 7th, P-F-157 Providence Forge 9:30, Monday March 12, F-160 B & C Dist. Office Suffolk 10:00 a.m., Friday March 9th, Pr. S-265 Stinson Hotel, Grundy Noon Tuesday March 6th, S-287 Wrights Store, Donkey Noon Thursday, March 8th, F-271 Pounding Mill Station 11:00 a.m., Thursday March 1st.

Plans and proposals on the projects will not be available until February 26th.

The State Highway Commission reserves the right to reject any or all bids.

C. S. MULLEN,
Acting Comr.

H. G. SHIRLEY,
Chairman.

February 20, 1923.

Bids: March 13.

Pavements and Sewers

Wallingford, Conn.

Notice is hereby given that sealed proposals will be received by the Warden and Court of Burgesses, at the Borough Clerk's Office up to eight o'clock p.m. of the 13th day of March, 1923, for the furnishing of all labor, materials, tools, machinery (except the steam roller which will be furnished by the Borough free of charge without operator or fuel) teams, or auto trucks for the complete construction of the following pavements and sewers.

PAVEMENTS

1,710 sq.yd. of concrete pavement, 4,040 sq.yd. of Bituminous bound Macadam and a short section of water bound Macadam, together with about 4,320 lin.ft. of combined concrete curb and gutters.

SEWERS

2,283 lin.ft. of 10 in. to 18 in. Vitrified tile sewers and manholes on Simpson Ave. and Ward St., 750 lin.ft. of 12 in. vitrified tile sewer and manholes on Pomeroy Ave. and Ward St. and 600 lin.ft. of 18 in. vitrified tile sewers, manholes and catch basins on So. Orchard St., together with appurtenances.

All bids must be submitted on blanks furnished by the Borough, for the pavements and sewers on the various streets as shown by the approximate estimates.

Each proposal must be accompanied by a certified check or Surety Co.'s contractor bidding bond, for five (5%) per cent of the tendered bid and made payable to the Treasurer of the Borough of Wallingford, Conn.

The Warden and Court of Burgesses reserve the right to require of the successful bidder a satisfactory Surety Co. bond for 50% of the total contract awarded.

The Court of Burgesses reserves the right to reject any or all bids or to accept any bid or bids for either sewers or pavements which may appear in their judgment to be to the best interest of the Borough so to do.

BOROUGH OF WALLINGFORD, CONN.
JOHN P. BRIDGETT, Warden.
WM. A. MACKENZIE, C. E.

Bids: Mar. 12.

Electric Lighting and Power Wiring, Pumping Station and Filtration Plant

Bay City, Mich.

Sealed proposals for furnishing and installing electric lighting systems and power wiring in pumping station and filtration plant will be received at the office of the City Manager, City Hall, Bay City, Michigan, until ten o'clock A M., Eastern Standard Time, on March 12, 1923.

Bids must be accompanied by proposal bond or certified check for $1,000.00.

Plans, proposal forms, contract and specifications may be obtained at the office of the City Manager, City Hall, Bay City, Michigan, and also from The Frazier-Ellms-Sheal Company, Engineers, B. F. Keith Building, Cleveland, Ohio, upon deposit of ten dollars, to be refunded upon return of plans and specifications in good condition.

The City reserves the right to accept any bid or to reject any and all bids.

WM. H. REID,
City Manager.

Knowing how to do a thing, and then really doing it is the exact reason—Swart service differs from the ordinary sort.

HARMON V. SWART
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